

**BETTER
TOGETHER**



CALIFORNIA
TEACHERS SUMMIT
2016

RESOURCE GUIDE

CALIFORNIA TEACHERS SUMMIT | JULY 29, 2016

WELCOME CALIFORNIA TEACHERS SUMMIT 2016

Dear Teachers and Teacher Candidates,

Welcome to the second annual Better Together: California Teachers Summit! On behalf of the Association of Independent California Colleges and Universities (AICCU), California State University (CSU), and New Teacher Center (NTC), we thank you for joining us and for being a part of this unique day of learning led by teachers, for teachers.

With the new school year fast approaching, the Summit is designed to equip you with the latest strategies, resources and tools that you can bring back to your classroom right away.

Based on input from educators across the state, we have put together this one-of-a-kind index of free, high quality resources you can immediately use to implement the California Standards. In this guide, you will find short descriptions and links for each of the resources, which come from trusted sources like Teaching Channel, LearnZillion, Literacy Design Collaborative, Mathematics Assessment Project, Center for the Collaborative Classroom, and more! This year we've also featured some of the top picks from teachers who attended last year's Summit. These resources have been vetted by teachers like you and are already working in classrooms across the state.

Please stay tuned for new additions to our growing database of resources at www.cateacherssummit.com/resources. In the coming weeks, we'll be adding new tools to support your efforts to implement the California Standards, and the Next Generation Science Standards (NGSS) being rolled out across California. We hope you find these helpful, and we welcome your feedback and recommendations of innovative resources you'd like to share with your fellow teachers.

Thank you again for all that you do to make a difference in the lives of California students.

Sincerely,



Emily Wakeman Davis

Director
Better Together Teachers Summit

BETTER TOGETHER STEERING COMMITTEE

Claire C. Cavallaro, Ph.D., *California State University, Fullerton*

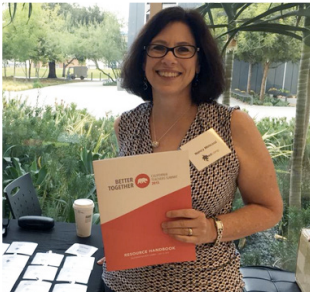
Kitty Dixon, *New Teacher Center*

Shane P. Martin, Ph.D., *Loyola Marymount University*

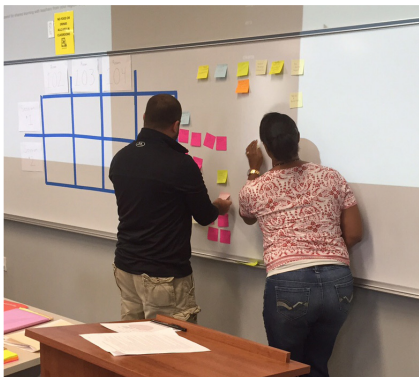
Ellen Moir, *New Teacher Center*

Kristen F. Soares, *Association of Independent California Colleges & Universities*

"TEACHERS LEADING TEACHERS IS
A POWERFUL MOVEMENT IN OUR
PROFESSION! *Let's keep it up!*"
– Maria, 2015 ATTENDEE



"I feel more *confident* stepping into
the classroom and starting fresh
new ideas for the school year."
– Gloria, 2015 ATTENDEE



ACHIEVE THE CORE

Achieve the Core is a website filled with digital tools and resources for teachers. The website is run by Student Achievement Partners, a nonprofit organization with one purpose: to help all students and teachers see their hard work lead to greater student achievement. Achieve the Core invites educators and people curious about the Common Core State Standards to explore what the site has to offer, including hundreds of math and literacy resources for teachers, materials for leaders who are putting college and career readiness standards into action in their own schools, and opportunities to become an advocate for Common core as well as college and career readiness for all students.

Visit achievethecore.org for more information.

BETTERLESSON

BetterLesson empowers teachers to drive their own professional learning. They have partnered with outstanding educators across the country to run Master Teacher Projects and create over 16,000 rich lessons, covering Common Core Math, Common Core ELA, Next Gen Science, and Blended Learning.

Visit betterlesson.com for more information.

BLOOMBOARD

BloomBoard is a place for educators to learn, share, and discuss the best teaching ideas. The site includes curated collections of the innovate resources on topics related to your unique classroom challenges.

Visit bloomboard.com to learn more.

BUCK INSTITUTE FOR EDUCATION

The **Buck Institute for Education** (BIE) is a nonprofit whose highest priority is to help teachers prepare students for successful lives by showing teachers how to use Project Based Learning (PBL) in all grade levels and subject areas. As a mission-driven nonprofit organization, BIE creates, gathers, and shares high-quality PBL instructional practices and products while providing highly effective services to teachers, schools, and districts.

Visit bie.org/for/teachers to learn more.



CALIFORNIA DEPARTMENT OF EDUCATION

California Department of Education has many resources to support the implementation of the California Standards. Teachers have been involved in the development of many of these resources, some of which include:

- **My Digital Chalkboard** – The Digital Chalkboard is where California educators get connected, collaborate, and share best practices, best resources, and best strategies – you might say the best of the best. Sign up for access to a huge library of resources. In addition, My Digital Chalkboard includes a new reference page specific to California's Next Generation Science Standards (NGSS) with resources for teachers to effectively implement the new standards.
- **CA Standards Professional Learning Modules** – This website includes thirteen modules to help educators transition to the Common Core State Standards and are available in both online and on-site professional learning formats.
- **Common Core Resources for Special Education** – This website offers resources and guidelines on what the CCSS and the new tests will mean for California students in the Special Education Community. This site includes information such as aligning the IEP to the CCSS, the role of administrators in supporting CCSS for students with disabilities, and resources for parents.

Visit cde.ca.gov to access these resources and more.

**CENTER FOR THE
COLLABORATIVE
CLASSROOM**

Center for the Collaborative Classroom is a nonprofit educational organization dedicated to providing continuous professional learning for teachers and curricula that support the academic, ethical, and social development of children. The organization brings to bear 51 years of collective experience from two leading educational nonprofit organizations—Developmental Studies Center and Cornerstone Literacy, Inc.

Visit collaborativeclassroom.org to learn more.

**CENTER ON THE
DEVELOPING CHILD**

The **Center on the Developing Child's** diverse activities align around building an Research and Development (R&D) platform for science-based innovation, and transforming the policy and practice landscape that supports and even demands change. We do this because society pays a huge price when children do not reach their potential, because half a century of policies and programs have not produced breakthrough outcomes, and because dramatic advances in science are ready to be used to achieve a promising future for every child.

Visit developingchild.harvard.edu to learn more.

CLASSDOJO

ClassDojo's mission is to reinvent classrooms by bringing teachers, students, and parents closer together. Teachers use ClassDojo as a communication platform to encourage students, and get parents engaged too. Classrooms become positive places—which means there's no more 'classroom management'.

Visit classdojo.com to learn more.

CODE.ORG

Code.org is a nonprofit dedicated to expanding access to computer science, and increasing participation by women and underrepresented students of color. Our vision is that every student in every school should have the opportunity to learn computer science. We believe computer science should be part of core curriculum, alongside other courses such as biology, chemistry or algebra.

Visit code.org to learn more.

**COMMON
SENSE MEDIA**

Common Sense is the nation's leading independent nonprofit organization dedicated to empowering kids to thrive in a world of media and technology. Families, educators, and policymakers turn to Common Sense for unbiased information and trusted advice to help them learn how to harness the positive power of media and technology for all kids.

Visit commonsensemedia.org/educators to learn more.

**COURSERA**

Coursera provides universal access to the world's best education, partnering with top universities and organizations to offer courses for anyone to take, for free. Coursera wants to help you learn better and faster. That's why they designed their platform based on proven teaching methods verified by top researchers. Search for 'New Teacher Center' on coursera.org and you will find our coursework. One example is First Year Teaching: Success from the Start.

Visit coursera.org to learn more.



**DEEPER
LEARNING**

The Hewlett Foundation's **Deeper Learning** program is committed to the goal that all U.S. students will receive an excellent education centered on deeper learning. To reach that objective they are focused on:

- Working with states and districts to improve learning goals, so that schools can focus on teaching deeper learning and have the support they need to reach that goal.
- Designing new ways to evaluate what students know and can do with high school graduation projects, more effective assessments, and in-class activities to measure their deeper learning knowledge and skills.
- Providing educators with the ongoing training and tools to teach deeper learning effectively.
- Continuously sharing best practices from exemplary schools as well as research on how students benefit from deeper learning.

Visit hewlett.org/programs/education/deeper-learning to learn more.

DONORSCHOOSE

DonorsChoose makes it easy for anyone to help a classroom in need, moving us closer to a nation where students in every community have the tools and experiences they need for a great education.

Visit donorschoose.org to post a project.

EDMODO

Edmodo is a global education network that helps connect all learners with the people and resources needed to reach their full potential.

Visit edmodo.com to learn more.

**EDSURGE
PRODUCT INDEX**

Need help discovering and comparing edtech tools? The **EdSurge Product Index** is a community-driven database of edtech products.

Visit edsurge.com/product-reviews to learn more.

EDUTOPIA

Edutopia is a comprehensive website and online community that increases knowledge, sharing, and adoption of what works in K-12 education. They emphasize core strategies: project-based learning, comprehensive assessment, integrated studies, social and emotional learning, educational leadership and teacher development, and technology integration.

Visit edutopia.org to learn more.

**EXPEDITIONARY
LEARNING**

With more than 20 years of experience helping new and veteran teachers in all settings, **Expeditionary Learning** builds "student's capacity" to ignite their motivation, persistence, and compassion so they become active contributors to building a better world while succeeding in school, college, career, and life. Expeditionary Learning's innovative curriculum, teacher-created resources, and model of professional coaching and support are anchored by a vision of student success that joins academic achievement, character, and high-quality work.

Visit elschools.org to learn more.

FUEL YOUR SCHOOL

Chevron's **Fuel Your School** program is an innovative collaboration with DonorsChoose.org that supports the integration of STEM education in K-12 public classrooms in 18 U.S. communities where Chevron has business operations, including six communities in California. It derives from the belief that effective education, including science, technology, engineering and math (STEM), can help foster bright young talent for the future workforce and healthy economic growth for our country. The Fuel Your School program is part of Chevron's overall support for education, which has totaled over \$270 million worldwide since 2013.

Visit fuelyourschool.com to learn more.

GEOGEBRA

GeoGebra is dynamic mathematics software for all levels of education that brings together geometry, algebra, spreadsheets, graphing, statistics, and calculus in one easy-to-use package. GeoGebra is a rapidly expanding community of millions of users located in just about every country. GeoGebra has become the leading provider of dynamic mathematics software, supporting science, technology, engineering, and mathematics (STEM) education and innovations in teaching and learning worldwide.

Visit geogebra.org to learn more.

**GO NOODLE**

GoNoodle's short desk-side physical activities help teachers manage their classroom and improve student performance.

Visit gonoodle.com to learn more.

**GOORU**

Gooru's mission is to honor the human right to education. They envision a world in which technology and a supportive community empower every student to personalize his or her learning. Educators support individual students while contributing to a larger community. Gooru's task as "ed-technologists" is to innovate collaboratively with the community of educators and students to support the ways they teach and learn. Gooru supports students, teachers, schools, districts, developers, partners, and other audiences who are honoring the human right to education.

Visit goorulearning.org to learn more.

**GREATER GOOD IN ACTION**

An online hub of science-based practices for a meaningful life, curated by the **Greater Good Science Center** at UC Berkeley. Greater Good in Action offers a monthly newsletter with practices for a happy, meaningful life.

Visit ggia.berkeley.edu to learn more.

INSIDE MATHEMATICS

Inside Mathematics supports teachers with the implementation of Common Core State Standards in Mathematics. This site contains classroom videos, problems of the month, and performance tasks aligned to CCSS-M standards.

Visit insidemathematics.org to learn more.

INSPIRED

inspirED—born out of a partnership between Facebook and the Yale Center for Emotional Intelligence—is an online community designed by educators, teens, and experts in Social and Emotional Learning (SEL) to help high school students and educators work together to create the best possible learning communities.

Visit inspired.fb.com to learn more.

KAHOOT!

Kahoot! helps teachers create, play and share fun learning games for any subject, for all ages, for free.

Visit getkahoot.com to learn more.

**KHAN ACADEMY**

Khan Academy offers practice exercises, instructional videos, and a personalized learning dashboard that empower learners to study at their own pace in and outside of the classroom. They tackle math, science, computer programming, history, art history, economics, and more. Khan Academy math missions guide learners from kindergarten to calculus using state-of-the-art, adaptive technology that identifies strengths and learning gaps. They've also partnered with institutions like NASA, The Museum of Modern Art, The California Academy of Sciences, and MIT to offer specialized content.

Visit khanacademy.org to learn more.

**LEARNZILLION**

LearnZillion offers a free and growing set of math and English language resources for grades 2–12 that have been developed by expert teachers directly from the Common Core State Standards. Their premium participatory curriculum platform enables schools and districts to accelerate the successful implementation of the Common Core, augment the efficacy of their coaches, create class time capacity to address differentiation needs, and build teacher leaders.

LearnZillion is dedicated to championing teachers and supporting their ongoing professional development. Teachers develop expertise and insights while working with students, and have exceptional ideas for how to improve classroom learning. LearnZillion believes that empowering teachers to collaborate and share best practices creates new possibilities for students, and the profession.

Visit learnzillion.com to learn more.

LINKENGINEERING

LinkEngineering is an online community of educators interested in providing meaningful engineering experiences to PreK–12 students of all abilities. The site allows teachers, teacher educators, and administrators the opportunity to discover and understand engineering and engineering design, connect with other educators to see what PreK–12 engineering experiences look like in schools and other settings, and prepare educators through lesson plans, out-of-school activities, professional development opportunities, and pre-service education programs shared by members. The site also allows members to connect with each other and engineering education experts. The website is a collaboration between the National Academy of Engineering and five partner organizations, including Achieve, Inc., American Society for Engineering Education, the Council of State Science Supervisors, International Technology and Engineering Educators Association, and the National Science Teachers Association.

Visit linkengineering.org to learn more.

LITERACY DESIGN COLLABORATIVE

Literacy Design Collaborative (LDC) is a teacher-created instructional design system that transforms educator practice through the use of online tools and resources that facilitate collaboration, content development, and professional learning to effectively implement College and Career Readiness Standards (CCRS) in K-12 classrooms. Through LDC work, teachers, schools, and districts engage in a reflective and collaborative process, growing their expertise in using the CCRS in instructional planning, ongoing curriculum-embedded assessment, and results analysis.

Visit ldc.org/partners2015 to learn more.

MAKERSPACE PLAYBOOK

The **Makerspace Playbook** will help you establish a wonderful new resource in your school, neighborhood, or wider local community. It shares the knowledge and experience from the Makerspace team as well as from those who have already started Makerspaces.

Visit makered.org/wp-content/uploads/2014/09/Makerspace-Playbook-Feb-2013.pdf to access the playbook.

MATCH MINIS

Match Minis are entertaining 3-to-5-minute videos about classroom teaching, teacher training, and more.

Visit matchminis.org to learn more.

THE MATHEMATICS ASSESSMENT PROJECT

The Mathematics Assessment Project (MAP) is part of the Math Design Collaborative. The MAP website includes well-engineered tools for formative and summative assessment that expose students' mathematical knowledge and reasoning. The tools include 100 Classroom Challenges, lessons based on formative assessment, and are relevant to any curriculum that seeks to deepen students' understanding of mathematical concepts while developing their ability to apply that knowledge to non-routine problems.

Visit map.mathshell.org to learn more.

MINDSET KIT

The **Mindset Kit** is a free set of online lessons and practices designed to help you teach and foster adaptive beliefs about learning. The Mindset Kit was created by the Project for Education Research That Scales (PERTS), a research center in the psychology department at Stanford University.

Visit mindsetkit.org to learn more.

MINECRAFT

Minecraft: Education Edition is an open world game that promotes creativity, collaboration, and problem solving in an immersive environment where the only limit is your imagination.

Visit education.minecraft.net to learn more.

NEARPOD

Nearpod strives to empower educators to create learning experiences that engage and inspire millions of students around the world. Nearpod offers ready-to-teach, interactive lessons for all grades K–12 subjects.

Visit nearpod.com to learn more.

NEW
TEACHER
CENTER

Accelerating the effectiveness of new teachers is a critical link to student success. **New Teacher Center** (NTC) is committed to supporting new teachers with a wide range of available professional development, communities of practice, products, and free resources. NTC is transforming teaching and learning by fostering teacher leadership and collaborative school cultures through Professional Learning Communities (PLC). Collaborative teams can be the most effective and powerful professional development model because they build the capacity of both new and veteran teachers as instructional leaders, allowing schools to effectively implement change initiatives, such as Common Core State Standards (CCSS), while providing avenues that retain, develop and nourish all teachers. Facilitating Inquiry-Based Professional Learning Communities is a NTC three-day professional development series that teaches facilitators the skills, knowledge, and behaviors foundational for creating a safe, structured environment to conduct collaborative inquiry focused on improving teaching and learning.

Visit newteachercenter.org to learn more.

NEWSELA

Newsela builds reading comprehension through leveled articles, real-time assessments and actionable insights.

Visit newsela.com to learn more.



PLICKERS

Plickers is a powerfully simple tool that lets teachers collect real-time formative assessment data without the need for student devices. Use Plickers for "responsive polling", real-time feedback on understanding, etc. to know whether your students are understanding big concepts and mastering key skills.

Visit plickers.com to learn more.



REMIND

Remind is a communication tool that helps teachers connect instantly with students and parents. Send quick, simple messages to any device.

Visit remind.com to learn more.



START EMPATHY

Start Empathy, an initiative of Ashoka, is a community of individuals and institutions dedicated to building a future in which every child masters empathy. Empathy is foundational to everyone's ability to live successful, fulfilled lives as changemakers.

Visit startempathy.org to learn more.

TEACH TO LEAD

Teach to Lead is an initiative jointly convened by the National Board for Professional Teaching Standards, ASCD and the U.S. Department of Education. The program's mission is to advance student outcomes by expanding opportunities for teacher leadership. This is achieved by providing resources, facilitating stakeholder consultation, and encouraging professional collaborations to develop and amplify the work of teacher leaders.

Visit teachtolead.org/resources to learn more.

THE TEACHERS GUILD

The Teachers Guild is a professional community that activates teachers' creativity to solve the biggest challenges in education today. While learning and doing design thinking, teachers build their creative muscle and connect to diverse partner organizations who are committed to bringing their solutions to life. It's an initiative run by a team of educators and designers from IDEO's Design for Learning Studio and PLUSSED at Riverdale Country School.

Visit teachersguild.org to learn more.

TEACHING CHANNEL

The mission of the **Teaching Channel** is to create an environment where teachers can watch, share, and learn new techniques to help every student grow. They believe teachers should have opportunities to learn from each other... whenever they want; and teachers tell them that video has become essential to helping them see a broad range of approaches for working with students and for fostering self-reflection. Teaching Channel's free website houses their interactive collaboration platform for professional learning. Their goal is to empower your growth, and that means your students will grow right along with you.

Visit teachingchannel.org to learn more.

TEACH PLUS

Teach Plus' three flagship programs—Teaching Policy Fellowship, T3 Initiative, and C2 Initiative—are designed to engage and support teacher leaders in transforming the system. Since their founding in 2009, Teach Plus has grown from 16 teachers to a network of more than 20,000 solutions-oriented teachers nationwide.

To ensure that the voice of teachers is heard by policymakers, TeachPlus is launching a new online course, Teach Plus Online: What Teachers Need to Know to Influence Policy Decisions. The course is FREE and open to teachers nationwide.

Visit teachplus.org/teachplusonline to learn more.

UNIVERSAL DESIGN FOR LEARNING (UDL) STRATEGIES

Universal Design for Learning strategies are instructional methods and tools used by teachers to ensure that ALL students have an equal opportunity to learn. All of these strategies are aligned with UDL guidelines to help teachers select strategies that remove barriers in instruction so that all students can achieve their learning goals.

Visit goalbookapp.com/toolkit/strategies to learn more.

UNDERSTOOD

Understood is a collaboration of 15 nonprofit organizations who have joined forces to support parents of the one-in-five children with learning and attention issues throughout their journey. Understood offers a free weekly newsletter with tips, as well as information online to better understand learning and attention issues.

Visit understood.org to learn more.

YOCUBED

Youcubed is an online center at Stanford University that provides teachers with free K-12 math resources. The website features math tasks, important topics in math learning, videos, short papers for teachers and policymakers, and full research articles.

Visit youcubed.org to learn more.



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